(54) Title: METHOD AND SYSTEM FOR AUTOMATED CONFIGURING OF A HART MULTI-DROP SYSTEM
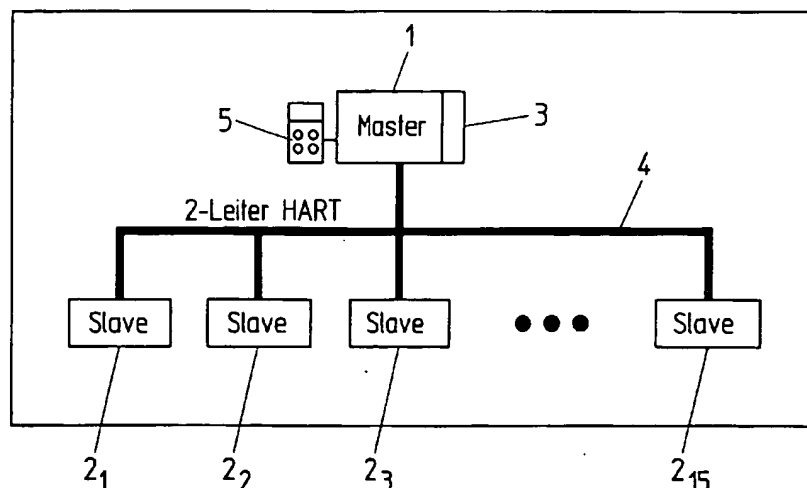
(57) Abstract: The invention relates to a method of automatically configuring a HART multidrop system comprising a master device
(1) and a plurality of slave devices (2_1, ... , 2_{15}) connected to said master device (1). The invention also relates to a HART multidrop
system customized for the implementation of the method according to the present invention. The method according to the present
invention has the following steps: a) connecting the slave devices (2_1, ... , 2_{15}) to the master device (1), b) switching on the power
source (3) for the slave devices (2_1, ... , 2_{15}) in the master device (1); c) transmitting the HART command "Write polling address"
as a broadcast command from the master device (1) with a polling address not equal to zero causing all slave devices (2_1, ... , 2_{15})
connected to the master device (1) to be automatically switched to the multidrop mode and all slave devices (2_1, ... , 2_{15}) to obtain an
identical address not equal to zero, d) changing the addresses for all slave devices (2_1, ... , 2_{15}) from an identical address to a unique
address for each slave device (2_1, ... , 2_{15}).